



1636

PATENT  
ATTORNEY DOCKET NO.: JHU1750-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Shablott and Gearhart  
Application No.: 09/767,421  
Filed: January 22, 2001  
Title: HUMAN EMBRYOID BODY-DERIVED CELLS

Art Unit: 1636  
Examiner: Deborah Crouch

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application, please find:

1. Information Disclosure Statement (2 pages);
2. Form PTO-1449 (1 page);
3. Five References;
4. Supplementary European Search Report (3 pages); and
5. Return postcard.

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on April 6, 2004, in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Karen LePari*

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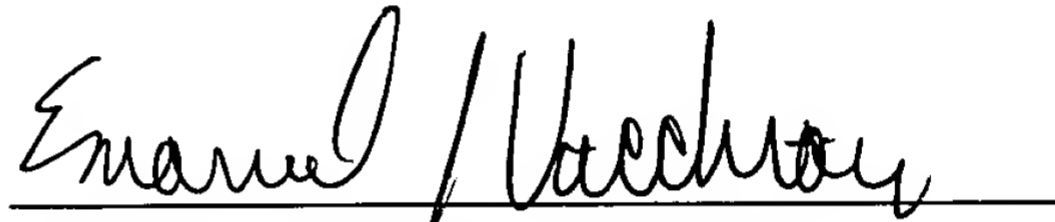
In the Application of:  
Shamblott and Gearhart  
Application No.: 09/767,421  
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PATENT  
Attorney Docket No. JHU1750-1

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement as the items of information contained in this statement were cited in a communication from a foreign patent office in a counterpart foreign application, the communication being dated February 4, 2004, which is not more than three months prior to the filing of this statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,

Date: April 6, 2004



Emanuel J. Vacchiano, J.D., Ph.D.

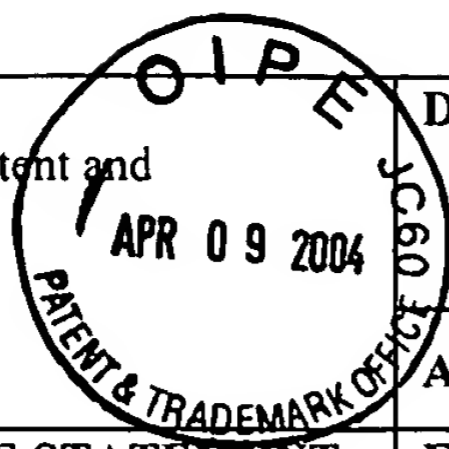
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<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>JHU1750-1</b>	Serial No.: <b>09/767,421</b>
	Applicant: <b>Shamblott and Gearhart</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Filing Date: <b>January 22, 2001</b>	Group Art Unit: <b>1636</b>



### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	AA	WO 00/70021	11/23/2000	PCT			

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AB	Itskovitz-Eldor, J. et al., "Differentiation of Human Embryonic Stem Cells into Embryoid Bodies Comprising the Three Embryonic Germ Layers", <i>Molecular Medicine</i> , Vol. 6, No. 2, pp. 88-95, 2000.
	AC	Rathjen, P.D. et al., "Properties and uses of embryonic stem cells: prospects for application to human biology and gene therapy", <i>Reproduction, Fertility and Development</i> , Vol. 10, No. 1, pp. 31-47, 1998.
	AD	Reubinooff, Benjamin E. et al, "Embryonic stem cell lines from human blastocysts: somatic differentiation in vitro", <i>Nature Biotechnology</i> , Vol. 18, No. 4, pp. 399-404, 2000.
	AE	Wang, S. et al., "Neural Cells Derived in Culture from Human Embryonic Germ (EG) Cells", <i>Molecular Biology of the Cell</i> , Vol. 9, No. Suppl., pp. 437A, 1998.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.